NZM 0002 A Notification Appliance Zone Module

BOSCH
Invented for life

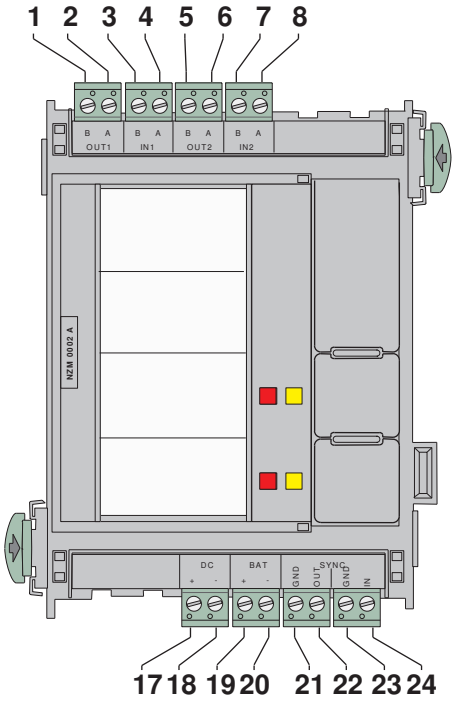
- Monitored control of signaling devices by voltage polarity reversal
- Ready to go thanks to plug-and-play technology and pluggable terminal blocks

The NZM 0002 A Notification Appliance Zone Module provides two monitored primary lines. This enables the connection of two separate notification appliance zone lines.
Connection of:

- Sirens
- Strobes
- Horns

The operating status of each zone is shown by a red and a yellow status LED.

System Overview



Pos.	Description	Connector
1 / 2	B OUT1/A OUT1	NAC zone 1
3 / 4	B IN1/A IN1	
5 / 6	B OUT2/A OUT2	NAC zone 2
7 / 8	B IN2/A IN2	
17 / 18	DC + / -	External power supply
19 / 20	BAT + / -	24 V DC input, battery voltage
21 / 22	SYNC GND/OUT	Synchronization output
23 / 24	SYNC GND/IN	Synchronization input

Installation/Configuration Notes

- For operating the fire alarm system according to EN 54-13 the signaling device lines must be designed in loop topology.

Parts Included

Qty.	Components
1	NZM 0002 A Notification Appliance Zone Module
2	Labelling strips
2	3.9 kOhm resistors

Technical Specifications

Electrical

Input voltage	20 V DC to 30 V DC 5 V DC ± 5 %
Max. current consumption	
• Standby (2 zones)	40 mA (at 24 V DC)
• Alarm (2 zones)	65 mA (at 24 V DC)
Max. output voltage	29.5 V DC
Max. output current for	
• Power supply via rail	500 mA per notification appliance zone line (in the event of an alarm)
• External power supply	3 A per notification appliance zone line (in the event of an alarm)
• Max. cable length	Dependent on type and number of connected signaling devices

Mechanics

Operating/display elements	4 LEDs (2 x red, 2 x yellow) 2 keys (LED test)
Housing material	ABS plastic, Polylac PA-766
Housing color	Satin finish, anthracite, RAL 7016
Dimensions	Approx. 127 x 96 x 60 mm
Weight	Approx. 135 g

Environmental conditions

Permitted operating temperature	-5 °C to 50 °C
Permitted storage temperature	-20 °C to 60 °C
Permitted relative humidity	95 %, non-condensing
Protection class as per IEC 60529	IP 30

Ordering Information

NZM 0002 A Notification Appliance Zone Module
for connecting 2 separate notification appliance zone lines, provides 2 monitored primary lines
Order number **NZM 0002 A**

Accessories

NMC 0000 A Cable HPD/NZM
Used for synchronization in accordance with UL requirements, cable length 90 cm
Order number **NMC 0000 A**